

State of Louisiana
Department of Transportation and Development (DOTD)
Materials and Testing Section Approved Materials Procedure
for

ANTI-STRIPPING ADDITIVES

MATERIAL SPECIFICATION REFERENCE:

DOTD Standard Specifications, Subsection 1002.02.1, Supplemental Specifications and Special Provisions

APPROVED MATERIAL EVALUATION SUBMITTAL:

The manufacturer shall submit a completed Approved Materials Evaluation Submittal to the DOTD Materials and Testing Section Coordinator listed below.

PRELIMINARY REQUIREMENTS:

The complete submittal must include:

- Complete Approved Materials Evaluation Form
- Letter requesting evaluation of the material
- Product Data Sheets
- Manufacturer's specifications
- Safety Data Sheet (SDS)
- Mixing instructions
- Recommended application procedure and rate
- Sample
- Independent Laboratory Test Results

NOTE: Evaluation will not begin until all required items listed above are received by the Materials Laboratory.

Certifications and/or Test Reports

Submit a Certificate of Analysis (CA) for samples to be submitted to the Materials and Testing Section. The CA shall show test results applicable to the intended use of the material and the test results shall meet all specifications listed or referenced in DOTD Standard Specifications, Subsection 1002.02.1, or Supplemental Specifications and Special Provisions.

Sample (to be furnished at no cost to the Department)

Submit a one (1) pint sample and a CA of the material to the Materials Testing Section for evaluation.

TEST REQUIREMENTS:

Laboratory Testing

Samples shall be tested to determine the following properties:

- Stripping test (DOTD TR 317): The test mixtures shall exhibit a minimum average of 90% asphalt retention when the anti-stripping additive is added at a rate of 0.5 percent by weight of asphalt cement.
- Flash Point (AASHTO T 48)
- Pour Point (ASTM D 97)

Evaluation Time (4 weeks)

The Department may require an anti-stripping additive to prove its performance through field use and evaluation prior to placement on the Approved Materials List (AML).

Field Evaluation (if required 6 months)

GENERAL:

Upon completion of the evaluation, the submitter will be notified in writing concerning the results of the evaluation and whether the product will or will not be added to the Approved Materials List (AML). The DOTD Materials and Testing Section Coordinator shall be notified in writing of any change from the original product submittal. The Department reserves the right to re-evaluate any product or individual material at any time. A Certificate of Analysis (CA) of the material shall be submitted annually to the DOTD Materials and Testing Section Coordinator to remain on the AML.

It is also the manufacturer's responsibility to supply the contact information of the representative responsible for the material to the Materials Section Coordinator to remain on the AML. This is done by completing the Approved Materials Evaluation Form every two years or when there is a change in the manufacturing representative responsible for the material.

PROJECT ACCEPTANCE REQUIREMENTS:

The inclusion of any material on the AML is not blanket approval for its use. All materials, regardless of prior approval, shall be sampled in accordance with the Materials Sampling Manual.

DISQUALIFICATION AND REMOVAL:

Any material may be removed from the AML at any time. Causes for removal from the AML may include, but are not limited to the following:

- Non-conformance with specifications
- Performance requirements
- Failure to notify the Department of any change in material formulation.
- Failure of the supplier to provide proper certifications as required by this procedure
- Failing test results obtained by the Materials Section of project verification samples.
- Failure to supply current contact information for the material representative in accordance with this procedure.

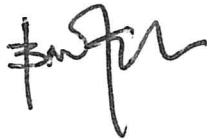
REQUALIFICATION:

Any material which has been disqualified and removed from the AML will be considered for re-evaluation only after submission of a formal request along with acceptable evidence that the problems causing the disqualification and/or removal have been resolved.

DOTD MATERIALS AND TESTING SECTION COORDINATOR:

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Approved 05/24/17



BRIAN OWENS, P.E.
DOTD MATERIALS ENGINEER ADMINISTRATOR